

Converting Colors

XYZ(66.9340, 56.2021,
101.9280)

Have a look what the booklet for
XYZ(66.9340, 56.2021, 101.9280)
contains.

XYZ(67.1251, 56.4491, 101.9656)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(67.1251, 56.4491,
101.9656)**

Conversions

Conversions Part 1

Format	Color
Hex	E7B3FF
RGB	231, 179, 255
RGB Percent	91%, 70%, 100%
CMY	0.0941, 0.2980, 0.0000
CMYK	0.09, 0.30, 0.00, 0.00
HSL	281°, 100%, 85%
HSV	281°, 30%, 100%
XYZ	67.1251, 56.4491, 101.9656
YIQ	203.2120, 6.5960, 34.6600

Conversions

Conversions Part 2

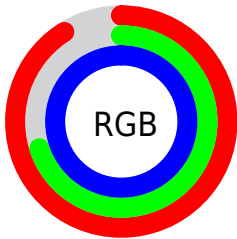
Format	Color
R _Y B	231, 179, 255
Decimal	15184895
CIE _{Lab}	79.87, 32.04, -30.38
CIE _{LCh}	80, 44.152, 316.521
Yxy	56.4491, 0.2976, 0.2503
Android (android.graphics.Color)	4293374975 (0xFFE7B3FF)
YUV	203.2120, 25.5315, 24.3701
Hunter-Lab	75.1326, 27.9937, -27.8721

Details

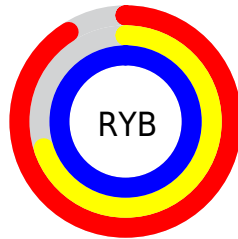
The XYZ color **67.1251, 56.4491, 101.9656** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.5265, 87.4717, 55.9224**, and the grayscale version is **56.7411, 59.6961, 65.0090**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **35.3331, 28.1129, 56.9902** is the 20% darker color. If you saturate the color by 10%, you get **59.9400, 45.8481, 100.2981**, and if you desaturate by 10%, it is **75.3781, 69.0063, 103.9544**.

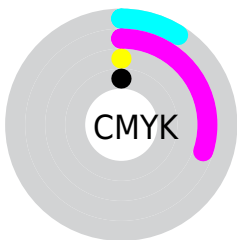
Distribution



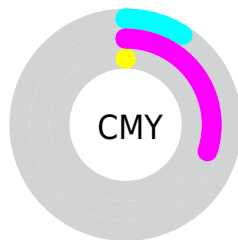
- Red (91%)
- Green (70%)
- Blue (100%)



- Red (91%)
- Yellow (70%)
- Blue (100%)



- Cyan (9%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.1251, 56.4491, 101.9656 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 67.1251, 56.4491, 101.9656 by changing the saturation by 10% instead.

67.1251, 56.4491,
101.9656

67.1251, 56.4491,
101.9656

439.8154,
411.3818, 587.7768

49.4574, 40.5631,
77.3171

114.1485, 99.6609,
165.9311

35.1985, 27.9779,
57.0001

144.2348,
127.7555, 206.0852

23.9830, 18.3090,
40.5959

179.1914,
160.6884, 252.2450

15.4457, 11.1720,
27.6862

219.3836,
198.8441, 304.8289

9.2211, 6.1827,
17.8522

265.1767,
242.6069, 364.2554

4.9440, 2.9565,
10.6756

316.9362,

2.2488, 1.1091,

292.3611, 430.9433

5.7377

375.0273,
348.4913, 505.3108

■ 0.7683, 0.0000,
2.6201

■ 0.0000, 0.0000,
0.9028

■ 67.1251, 56.4491,
101.9656

■ 67.1251, 56.4491,
101.9656

■ 59.9400, 45.8481,
100.2981

■ 75.3781, 69.0063,
103.9544

■ 53.7640, 37.0911,
98.9334

■ 84.7437, 83.6099,
106.2796

■ 48.5400, 30.0654,
97.8526

95.0500, 100.0000,
108.9000

■ 44.2024, 24.6422,
97.0344

■ 40.6766, 20.6747,
96.4545

■ 37.8737, 17.9880,
96.0836

■ 35.6529, 16.3028,
95.8754

■ 35.6118, 16.2734,
95.8719

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.6938, 56.4491, 121.8092



67.1251, 56.4491, 101.9656



72.1755, 56.4491, 73.6738

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.1251, 56.4491, 101.9656



57.7626, 56.4491, 24.9307



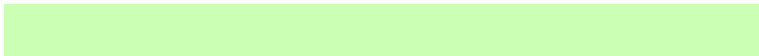
38.7964, 56.4491, 76.5604

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



67.1251, 56.4491, 101.9656



68.5265, 87.4717, 55.9224

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



38.6063, 56.4491, 50.6828



67.1251, 56.4491, 101.9656



48.9097, 56.4491, 25.3033

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



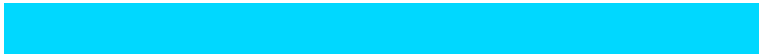
67.1251, 56.4491, 101.9656



66.3784, 56.4491, 32.2033



42.1163, 56.4491, 33.4199



42.6680, 56.4491, 104.5785

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.1251, 56.4491, 101.9656



72.6181, 56.4491, 56.0379



42.1163, 56.4491, 33.4199



38.3160, 56.4491, 67.2284

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



67.1268, 56.4514, 101.9660



85.5445, 84.8727, 106.4811



58.0140, 59.5492, 103.0442



18.0003, 17.6781, 22.7134



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.1268, 56.4514, 101.9660



62.5503, 49.6561, 100.8956



73.2483, 59.8570, 90.9650



18.2020, 17.9959, 22.7642



18.7694, 8.5865, 50.1027



1.9407, 0.8944, 4.8836

Inverse Universe

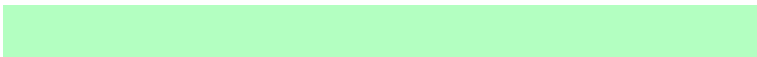
The Inverse Universe completely reimagines the original color for something new.



68.1409, 57.8141, 64.0694



63.9081, 51.3396, 56.5201



63.9702, 84.9517, 63.4411



18.2457, 18.0816, 19.9108



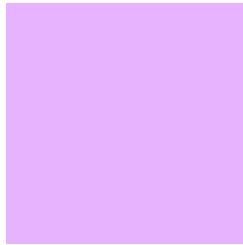
22.3748, 11.4392, 5.3583



2.2256, 1.1326, 0.7693

Previews

White Background



This preview shows how the XYZ color 67.1251, 56.4491, 101.9656 looks on a white background.

Color Contrast Check

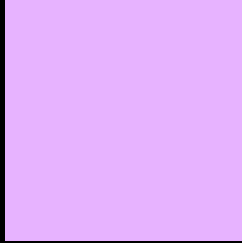
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 67.1251, 56.4491, 101.9656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

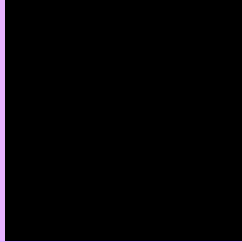
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.1251, 56.4491, 101.9656

Background



This preview shows how black text looks on a background with the XYZ color 67.1251, 56.4491, 101.9656.



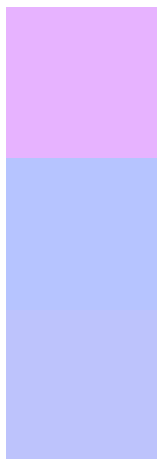
This preview shows how white text looks on a background with the XYZ color 67.1251, 56.4491,

101.9656.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

67.1251, 56.4491, 101.9656

Protanopia

57.0813, 56.6449, 102.5328

Deuteranopia

58.0721, 56.8773, 100.0132



Tritanopia

59.5281, 56.4428, 64.8838

Trichromacy



Original Color

67.1251, 56.4491, 101.9656



Protanomaly

60.2829, 56.3263, 102.3025



Deuteranomaly

60.8291, 56.3244, 100.5942

Tritanomaly

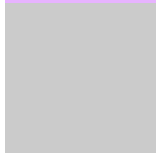
62.0323, 56.1944, 77.3892

Monochromacy



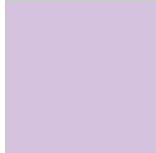
Original Color

67.1251, 56.4491, 101.9656



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

59.9172, 58.0036, 77.1451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.1251, 56.4491, 101.9656 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(231, 179, 255)` looks like.

```
.text, #text, p{  
    color:rgb(231, 179, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(231, 179, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 179, 255) }
```

Border

The CSS property to change the border of an element to XYZ 67.1251, 56.4491, 101.9656 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(231, 179, 255) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(231, 179, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(231, 179, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 179, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 179, 255);  
box-shadow:4px 4px 4px 4px rgb(231, 179,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1251, 56.4491, 101.9656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 179, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(231,  
179, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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